
GCSE Mathematics

Percentage Increase & Decrease Practice

Mark Scheme - Foundation, Grade 4-5

M = method mark, A = accuracy mark (dependent on the preceding M mark), B = independent mark.

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Edexcel-style questions

Q1 Grade 4 Edexcel style**Total: 2**

Part	Mark scheme	Marks
(a)	$10\% = £8$, $5\% = £4$	M1
(a)	£92	A1

Q2 Grade 4 Edexcel style**Total: 2**

Part	Mark scheme	Marks
(a)	$20\% = £18$	M1
(a)	£72	A1

Q3 Grade 4 Edexcel style**Total: 2**

Part	Mark scheme	Marks
(a)	1.08×350	M1
(a)	£378	A1

Q4 Grade 4 Edexcel style**Total: 2**

Part	Mark scheme	Marks
(a)	0.85×420	M1
(a)	£357	A1

Q5 Grade 5 Edexcel style**Total: 2**

Part	Mark scheme	Marks
(a)	0.75×64	M1
(a)	£48	A1

AQA-style questions**Q6** Grade 4 AQA style**Total: 2**

Part	Mark scheme	Marks
(a)	$25\% = 30 \text{ kg}$	M1
(a)	150 kg	A1

Q7 Grade 4 AQA style**Total: 2**

Part	Mark scheme	Marks
(a)	$10\% = 15 \text{ kg}$	M1
(a)	135 kg	A1

Q8 Grade 4 AQA style**Total: 2**

Part	Mark scheme	Marks
(a)	1.35×240	M1
(a)	324 kg	A1

Q9 Grade 4 AQA style**Total: 2**

Part	Mark scheme	Marks
(a)	0.55×180	M1
(a)	99 kg	A1

Q10 Grade 5 AQA style**Total: 2**

Part	Mark scheme	Marks
(a)	1.04×1800	M1
(a)	£1872	A1

OCR-style questions**Q11** Grade 4 OCR style**Total: 2**

Part	Mark scheme	Marks
(a)	$10\% = £6$, $30\% = £18$	M1
(a)	£78	A1

Q12 Grade 4 OCR style**Total: 2**

Part	Mark scheme	Marks
(a)	$10\% = £7$, $40\% = £28$	M1
(a)	£42	A1

Q13 Grade 4 OCR style**Total: 2**

Part	Mark scheme	Marks
(a)	1.17×64	M1
(a)	£74.88	A1

Q14 Grade 4 OCR style**Total: 2**

Part	Mark scheme	Marks
(a)	0.75×96	M1
(a)	£72	A1

Q15 Grade 5 OCR style**Total: 2**

Part	Mark scheme	Marks
(a)	0.82×12000	M1
(a)	£9840	A1

Teachably-style questions

Q16 Grade 4 Teachably style

Total: 2

Part	Mark scheme	Marks
(a)	$10\% = 20 \text{ m}$, $1\% = 2 \text{ m}$	M1
(a)	224 m	A1

Q17 Grade 4 Teachably style

Total: 2

Part	Mark scheme	Marks
(a)	$10\% = 25 \text{ m}$, $5\% = 12.5 \text{ m}$, $1\% = 2.5 \text{ m}$	M1
(a)	210 m	A1

Q18 Grade 4 Teachably style

Total: 2

Part	Mark scheme	Marks
(a)	1.42×150	M1
(a)	213 m	A1

Q19 Grade 4 Teachably style

Total: 2

Part	Mark scheme	Marks
(a)	0.7×260	M1
(a)	182 m	A1

Q20 Grade 5 Teachably style

Total: 2

Part	Mark scheme	Marks
(a)	1.12×280	M1
(a)	£313.60	A1

END OF PAPER

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